

Safex Platinum / SAFeth Cash / SAFeth Safeth.io (White Paper)

*A peer-to-peer marketplace and fungible digital cash
gamification system with the ability to earn
Points/Rewards/Dividends and
borrow with our "No Payment" signature loans
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A guiding document to SAFeth, Safex Platinum,
SAFeth Cash Developers, Advisers, and Early Adopters
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Abstract

An anonymous peer-to-peer marketplace with an embedded cryptocurrency and collateral based lending system that through dividends will allow "No Payback" loans, it has an emission rate based on which adapts to rising and falling hash rates, and is easy to obtain and use by a wide group of people using a gamification style of rewards that can be earned for buying, selling, borrowing, bounties and much more. This incentivizing will entice mass adoption of decentralized cryptocurrencies. Safex Platinum establishes a network where digital currencies are fairly distributed through Proof of Work mining and in the same this pow will provide a 2nd form of guaranteed dividend payments to "locked" token holders. The emission rate is such that the currency is desirable to earn through productivity, trade, rewards and dividends. Every action transfer of currency and trade of goods services or even loans that takes place in the ecosystem is via a series of linked transactions that are recorded at regular intervals of blocks that rewards the users. The chaining of transactions of balances forms a blockchain. Security is brought by technologies that enable privacy and which allows all participants to enjoy embedded trust and *PRIVACY*.

This provides people with a secure system for building digital wealth and ending poverty world wide.

Introduction

While the Safex Platinum Blockchain is a fork of the Safex cryptocurrency and its blockchain, We are starting from genesis block as well the further progression of Safex Platinum is to establish a decentralized anonymous *gamification* style marketplace. Therefore, this document outlines the beta phase of the development cycle. This white paper outlines the foundation on which the SAFeth Development team will build upon and the start of Safeth Cash mining will be begin. Future documentation will summarize the innovations that have taken place during the beta development phase and will be published prior to launch. This document is the initial one and there will be more to follow, as development progresses, which will describe in depth each process as it reaches finalization in code.

Safex Platinum Token

Safex Platinum Tokens provide a means for people to license themselves within the blockchain network. Any activity by users that intends to be lasting, and attached with a form of digital pseudonym, must be established through usage of Safex Platinum Tokens. There are 21,000,000 Safex Platinum Tokens that will ever exist and they serve a number of important utilities for Safeth and The Safex Platinum Marketplace.

At this time (October 2019) Safex Platinum Tokens and SAFeth Cash exist from a fork in the Safex Cryptonight V8 Blockchain and will be updated to Random algorithm and then they will be made available to public after the launch phase of the Safex Platinum Blockchain. Safex Platinum Tokens are used to open accounts on the Safex Platinum Marketplace. Safex Platinum Tokens are required to create a profile on the marketplace that establishes a nickname or surname which could be used to create brand/store recognition and also to maintain a consistent identity while still allowing anonymity. This identity would be tied as well to a pgp public key and would be valuable for establishing reputation and for making it easy to find a specific user on the network for interaction. A further description of Safex Platinum Accounts is found in the subsequent section.

Several types of ways to earn incentives. The Safex Platinum Blockchain pays incentives in three different forms of Safex Platinum Tokens encumbrance. In the first, Safex Platinum Tokens are used to make an account on the network. Payment of incentives are still made to those tokens spent in forming the account. In the second place, someone with Safex Platinum Tokens can “lock in” their tokens and begin receiving fees from the marketplace and a limited amount as well from miners fees.

The locking is not permanent with dividends, the tokens can be unlocked from the blockchain. Cost of performing an incentive “lock in”. Performing a “lock in” transaction will cost an amount Safex Platinum Tokens in which changes according to the relative USD price therefore pegging the account creation and cost of locking to say \$1 which is then sent to the treasury to use for lending. When “locked in” for a SAFeth signature loan however both your collateral will be unlock-able as well as the cash its accruing. Unlocking the Safex Tokens will cost an the same additional \$1 USD of Safex Platinum Tokens. Safex Platinum Accounts earn incentives/rewards and will also cost similarly in price to create (price may vary). Establishing an account with Safex Platinum Tokens requires the user to encumber them in such a way that they can never be removed in the future. The network charges a provision for trading on the marketplace and therefore whoever has established an account receives their share of the provisions based on their holdings relative to the Safex Platinum Token supply as well as the percentage allocated from miners fee.

Incentives/Rewards come from marketplace trades (buying and selling) as well as from interest paid back on all loans. Incentives are established from charging a 1% marketplace fee as well by designating a small portion or percentage (4%) of the miners reward towards initial and passive dividend payments as well as charging interest (3-12.5%) on all loans, this is a provision on all sales offers of goods, services, and loans on the platform that provides.

Finally the third way we can bear this reward system will be also paid through application based advertisements such as featured items and services. The cost of advertising and amount of time for ads running as well as featuring and item will all depend on selected levels of payment. This function will be similar to what we see with running an ad on google or having your item/store featured at the top of the marketplace landing page. The fees for these services will also vary to the hash rate in similar way that our miners reward is, where as the cost will decrease as adoption and token/cash price increases.

Through these means this will provide users a way to earn SAFeth Rewards, when buying/selling certain amounts per transaction. Due to a potentially high volume of incentive distributions, an entire block and will be allocated on a regular interval in order to allocate incentives to their respective beneficiaries as well as during each transaction that takes place. The beneficiary will be able to then spend from this block towards other offers in the marketplace or to send to another address.

SAFeth Cash

SAFeth Cash is the private cryptocurrency of the Safex Platinum Marketplace. Safeth Cash is necessary to pay all transaction fees to the network. Every action that takes place on the blockchain network requires the payment of some network/miners fees. SAFeth Cash is obtainable through proof of work mining, bought from and exchange as well as from staking Safex Platinum Tokens.

SAFeth Cash is also the principal payment method when fulfilling the purchase of goods, services, advertising and repayment of loans on the marketplace.

The main function for SAFeth Cash is to act as a intermediary currency between two parties. Taking into consideration that SAFeth Cash should be generated from the start of the Safex Platinum Blockchain, the emission of the money supply must adjust according to rise and fall against the blockchain's own hash rate. This will ensure two things, first it will offer our blockchain a way to protect against 51% attacks. It will lower the reward as the hash rate increases and increase the reward as the hash rate decreases, Therefore creating a situation in which it becomes less profitable as adoption grows and as well it will make it undesirable for an attacker. Secondly this will also keep up with inflation and deflationary cycles in price also it too in its own uniqueness will cause demand as well. Demand for SAFeth Cash depends on platform growth and usage - growth of new and old active users (both buyers and sellers) and the number of transactions. Consequently, the emissions for SAFeth Cash is designed to follow the rate of marketplace adoption and protect its currency and network from attack. Safex Platinum marketplace is NOT the only part of the innovation - it applies to SAFeth Lending as a new style to incentive shoppers and sellers as well as encourage hassle free, kyc free and payment free lending that has the potential to end poverty and even the legacy banking system worldwide.

The SAFeth Cash emissions is going to follow a rate in which adjusts to its current hash rate. There is a limit of 2 billion(2,000,000,000) SAFeth Cash that will be emitted in the upcoming years (90 seconds per block).It is unknown how many tokens will be mined due to the unique features of tying the hash rate to the miners rewards that will be emitted in the future years.

Figure 1: SAFeth cash Supply and Demand emission Wave Model

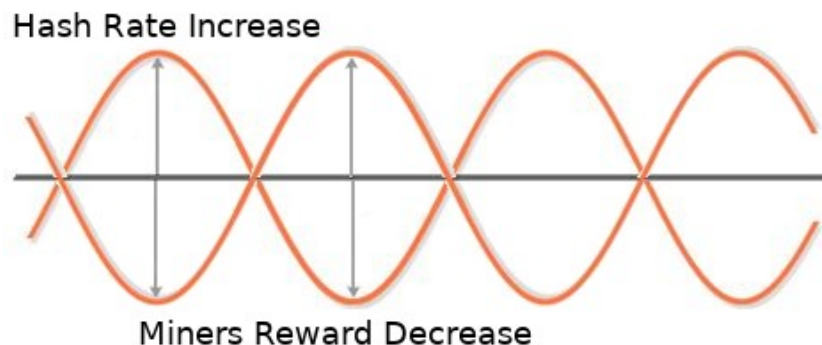


Figure 1

There is NO (0%) amount of the SAFeth Cash money supply will be obtainable by the investors of Safex Platinum Tokens during the start of the ICO of the Safex Platinum Blockchain. These tokens will strictly be mined via the blockchain as well they will become available on exchanges and eventually a DEX, there will be 0.5% assigned to the SAFeth development team. Also, SAFeth Platinum will be retained by development team and will be used to finance future development of the project using the Safex Platinum locking mechanisms/dividends/loans. Since we ourselves can take loans from the lending platform as well as lock in our Platinum tokens, we too can utilize these functions to push our platform forward as well. The amount of dividends that Safex Platinum holders will earn are directly dependent on the gross merchandise volume as well they will earn depending on how many tokens are locked in per block from the staking fee (.0005 safeth cash, micro amount) attached to each miners fee.

This fee attached to the miners fee and will kick off our dividends as a FIRST priority when launching our blockchain thus motivating from the beginning to "lock in" Safex Platinum Tokens. This creates a very strong incentive for Safex Platinum holders to promote the asset and earn SAFeth Cash on the platform.

What is Gamification?

Gamification is the application of game-design elements and game principles in non-game contexts. Gamification commonly employs game design elements to improve user engagement.

How will we use gamification?

First, we will offer a points/rewards system at the time of checkout that will offer points/rewards, the more you spend the more points you can earn. Just as well this will incentive sellers to sell more because the more you sell the more points/rewards you will earn as well.

The next way we will use gamification in keeping users captivated and engaged will be through buyer and seller reputation. Users will be rewarded with points/rewards upon reaching overall levels of sales and after spending certain overall amounts as well within the specified period.

Finally, we will utilize micro amounts of Safeth points/rewards .000005 with in app games such as scratch cards, slots and many other mini games that reward users with random micro amounts of points that are usable on the marketplace.

SAFeth Loans/Rewards

Much Like Ebay has a system called “Ebay Bucks” we too are going to offer rewards and loans in a similar fashion called SAFeth Rewards, utilizing both smart contracts our own wallet and a system in ways in which you will earn points at checkout for being being both a buyer and a seller depending on how much was spent during the transaction. Systems like this in the past have been an excellent way of engaging users to “earn” points and be able to spend them on whatever they like right on our Safex Platinum Marketplace. This type of engagement can be encouraged as well by using gamification whereas we turn building up points and earning them into marketing games for our advertising our own platform. Strengthening our system by utilizing the treasury to incentivize users in sharing, creating content and reviewing our platform all for SAFeth Rewards.

The next unique feature and the one that sets our marketplace apart from ALL the rest is the fact that in the same way that users can “lock in” their tokens to earn dividends, users both buys and sellers alike will be able to “lock in” and borrow against the tokens they have locked in place. In this feature the locking will be timed to the dividends full repayment said borrowed amount. It is in this unique type of dividends based collateralized loan that we can finally offer TRUE blockchain CREDIT with No Hassles, No rejection and No KYC. We will establish a smart contract to handle these loans utilizing some of the newest oracles. SAFeth and its execution will be completed by our SAFeth Automated Machine or aka S.A.M. it will be a build into the final wallet/marketplace.

Marketplaces

One of the main components of the Safex Platinum Blockchain is its embedded and web based marketplace. Safex Platinum Blockchain provides a fully functional marketplace mechanism where users are at will of offering their own goods or services directly on the Blockchain and all payment processing takes place via blockchain through an escrow system in which has three keys a master key for the arbitrator to release funds and the other two go to the buyer and seller so they too can work out their sales automatically. Safex Platinum Marketplace eliminates the http use altogether because all payments are carried out pgp encrypted over a decentralized network. The Safex Platinum marketplace is a collection of vendor markets and sale listings. People can interact with the marketplace terms & agreements. Among the attributes include: arbitration, escrow, digital receipts, timestamp proofs, and CREDIT! There are endless possibilities of expanded data structures for a CryptoNote. The Safex Platinum marketplace permits any person to pay a listing fee which enables a digital contract to be embedded and executed by the blockchain network. We will also host a web based marketplace known today as safethmarket.com. These market listings bare no title, and are free formed with arbitrary parameters